

# LOAD BALANCING SYSTEM AND METHOD IN A MULTIPROCESSOR SYSTEM

## ABSTRACT OF THE DISCLOSURE

5 A system and method are disclosed for selecting a resource, among a plurality of resources, for servicing a request. To select a resource to service the request, a first resource is randomly selected. If a first load value associated with the first resource does not exceed a threshold value, the request is assigned to the first resource for servicing. Otherwise a second resource is randomly selected. If a second load value associated with the second resource  
10 does not exceed a threshold value, the request is assigned to the second resource for servicing. If the second load value exceeds the threshold value, the request is assigned whichever of the first and second resources has a lower load value.